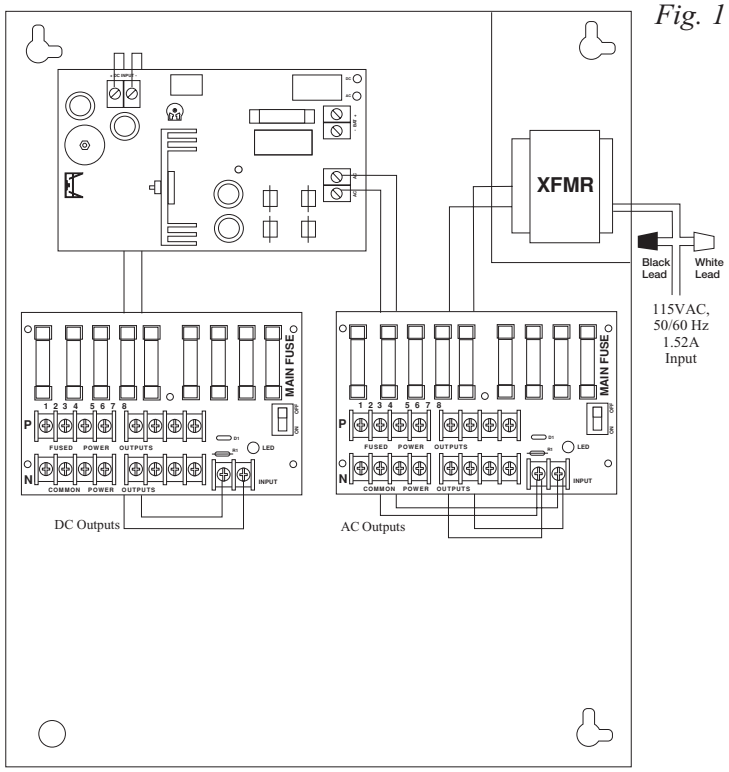
ALTV1224C
AC/DC Dual Output Power Supply

Overview:

Altronix ALTV1224C AC/DC Dual Output Power Supply is designed to provide both 12VDC and 24VAC outputs where a combination of both AC and DC outputs is required. It provides eight (8) 12VDC outputs with a total current of 3.5A and eight (8) 24VAC outputs with a total current of 3.5A.

Fig. 1



Specifications:

Input:

- 115VAC, 50/60 Hz, 1.52A.

Output:

- Eight (8) 12VDC @ 3.5A fuse protected outputs.
- Eight (8) 24VAC @ 3.5A fuse protected outputs.
- 7A total output current:
  3.5A @ 12VDC;
  3.5A @ 24VAC.
- Output fuses are rated @ 3.5A/250VAC.
- Main fuses are rated at 5A/250VAC.
- Filtered and electronically regulated outputs (DC outputs).
- Surge suppression (AC outputs).

Electrical:

- Operating temperature: –20º C to 49º C ambient.
- System AC input VA requirement: 174.8VA.

Features:

- AC/DC power LED indicators.
- Unit maintains camera synchronization.
- Ease of installation saves time & eliminates costly labor.

Enclosure Dimensions *(H x W x D)*:

15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm)

Optional: Available with 220VAC input. Order model # ALTV1224C220.

Installation Instructions:

Wiring methods should be in accordance with the National Electrical Code/NFPA 70/NFPA 72/ANSI and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.

1. Mount unit in the desired location. Mark and predrill holes in the wall to line up with the top two keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure’s upper keyholes over the two upper screws; level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install three fasteners. Place the enclosure’s upper keyholes over the two upper screws. Install the two lower screws and make sure to tighten all screws *(Enclosure Dimensions, pg. 2)*. Secure enclosure to earth ground.
2. Connect the AC (115 VAC 50/60 Hz) to the two black and white flying leads of the transformers *(Fig 1)*.
3. Measure output voltage before connecting devices. This helps avoiding potential damage.
4. Connect devices to the output terminals using the following procedure *(Fig. 1)*:
   Connect each DC device to the terminal pairs on DC output board 1 through 8, marked [P (+) and N (-)], carefully observing correct polarity.
   Connect each AC device to the terminal pairs on AC output board 1 through 8, marked [P (+) and N (-)].
5. Green LED on the PD8s will illuminate when power is present.
6. Upon completion of the wiring secure enclosure door with the screws (supplied).

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to the National Electrical Code and all local codes.

Terminal Identification:

SMP5BC (Power Supply)

Terminal Legend	Function/Description
AC/ AC	Low voltage AC input (24VAC / 175VA). Altronix part # T24175.
+ DC –	12VDC @ 3.5A total supply current.
– BAT +	N/A.

PD8 (DC Output)

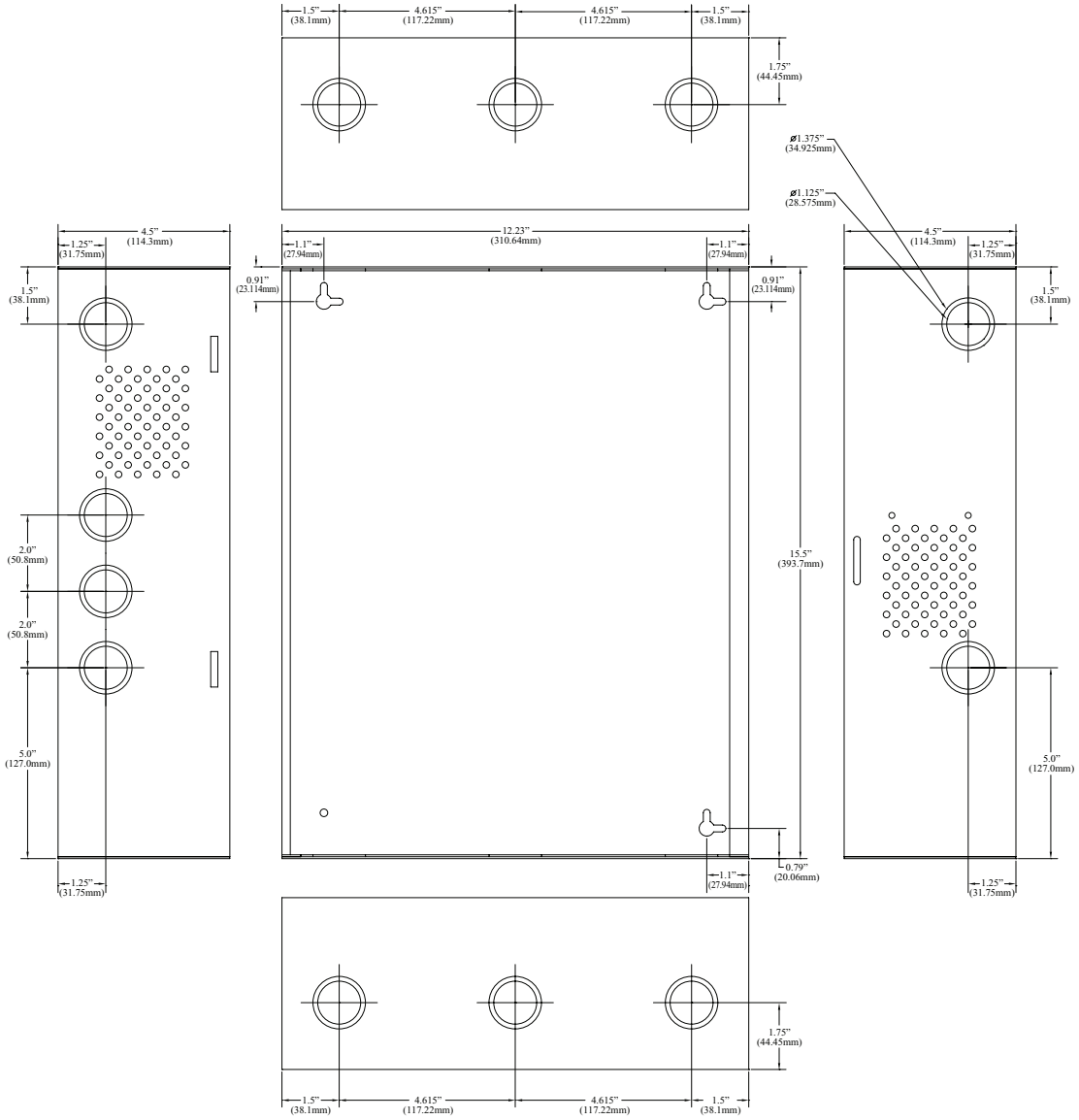
Terminal Legend	Function/Description
1P - 8P	Positive DC power outputs.
1N - 8N	Negative DC power outputs.

PD8 (AC Output)

Terminal Legend	Function/Description
1P - 8P	AC power outputs.
1N - 8N	AC power outputs.

Enclosure Dimensions *(H x W x D approximate)*:

15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm)



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